



INTERNAL
CORRESPONDENCE

UNION CARBIDE CORPORATION
METALS DIVISION

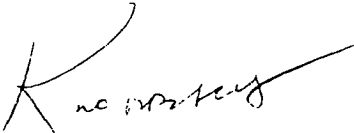
PO BOX 579 4625 ROYAL AVE
NIAGARA FALLS NEW YORK 14302

To (Name)	Mr. R. G. DeHollander	Date	March 6, 1984
Division	Metals Division	Originating Dept	TECHNOLOGY
Location	Grand Junction, CO	Area	Niagara Falls, NY
Area		Subject	Niagara Licenses
Copy to	Mr. W C Thurber		

Attached is a listing of Source Materials covered by our Radioactive Materials License.

In addition, we have a Department Agriculture Permit to move soil (receive ore samples), Permit No S-791, which expires on August 31, 1988.

This information is as per your request for the attention of "Newco".


R. J. Klotzbach

/mau

Attachments

U S DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE APPLICATION AND PERMIT TO MOVE SOIL				INSTRUCTIONS TO APPLICANT Complete Items 1 thru 21 Use reverse for continuation if needed		DO NOT USE REV. S-791					
FORWARD THIS APPLICATION TO U S Department of Agriculture Animal and Plant Health Inspection Service Plant Protection and Quarantine (PPQ) Federal Building Hyattsville, Maryland 20782				1 NAME AND ADDRESS OF APPLICANT (Include ZIP Code) R. J. Klotzbach Director of Technology Mineral Products - Metals Division Union Carbide Corporation, 4625 Royal Avenue P.O. Box 579, Niagara Falls, NY 14302							
2 TYPE OF SOIL A Crushed rock samples B C		3 COUNTRY OF ORIGIN Various Foreign Countries		4 DEPTH TAKEN FROM SURFACE 		5 NUMBER OF SAMPLES 		6 APPROX WEIGHT OF EACH 		7 WILL HEAT STERILIZATION OF SOIL (before its release to you) INTERFERE WITH ITS INTENDED USE? <input type="checkbox"/> NO (if NO, check preferred treatment) <input type="checkbox"/> Dry Heat <input type="checkbox"/> Steam Heat <input checked="" type="checkbox"/> YES (if YES item 19 must be signed by the Head of the Laboratory receiving the soil)	
8 NUMBER OF SHIPPING CONTAINERS Various				9 METHOD OF PACKAGING SOIL 							
10 METHOD OF SHIPMENT <input type="checkbox"/> Mail <input type="checkbox"/> Cargo <input type="checkbox"/> Baggage				11 SHIPPED BY <input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Surface		12 PORT OF ARRIVAL New York		13 DATE OF ARRIVAL Various			
14 DESTINATION WHERE SOIL WILL BE USED (City & State) Union Carbide Corp., Metals Division Niagara Falls, NY Lab				15 ARE OTHER IMPORTATIONS CONTEMPLATED WITHIN THE NEXT TWO YEARS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
16 IS SOIL TO BE USED AS GROWING MEDIUM? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If NO, state intended use) Rock samples for assay and test											
17 PRECAUTIONS TO BE USED TO PREVENT PLANT PEST DISSEMINATION Our first treatment oven drying 260°F. will sterilize											
18 METHOD OF FINAL DISPOSITION (Autoclaving incineration or other) Approved disposal sites											
19 SIGNATURE OF APPLICANT OR AGENT (Laboratory Head sign if you checked YES in item 7) <i>Robert J. Klotzbach</i> /s/ Robert J. Klotzbach				20 TELEPHONE NUMBER (716) 278-3157		21 DATE 8/2/83					
TO BE COMPLETED BY STATE REGULATORY OFFICIAL											
COMMENTS											
SIGNATURE (Or verbal approval <input checked="" type="checkbox"/> <i>Walter T. Brown</i>				TITLE <i>Asst. Director</i> <i>Div of Plant Industry NYDAM</i>		DATE 8/12/83					
TO BE COMPLETED BY PLANT PROTECTION AND QUARANTINE PROGRAMS											
FEDERAL PERMIT Under authority of the Federal Plant Pest Act of May 23, 1957 permission is hereby granted to the applicant named above to move the soil described, subject to the following conditions (Items 1-21 above are conditions of this permit, except as indicated below) 1 Valid for shipments of soil not heat treated at port of entry, only if Compliance Agreement (PPQ Form 519) has been completed and signed, and if this permit is countersigned by a field Plant Protection and Quarantine Officer 2. To be shipped in sturdy leak-proof containers. 3. To be released without treatment at the port of entry. 4. To be used only for rock assay and test and only in the laboratory of the permittee in Niagara Falls, New York. <u>No use of soil for growing purposes permitted.</u> 5. All unconsumed soil, containers, and effluent to be autoclaved or incinerated by the permittee at conclusion of project.											
PERMIT NO REVISED S-791		VALID THROUGH THROUGH AUGUST 31, 1988				NO LABELS ISSUED 20 PPQ FORMS 550					
SIGNATURE OF PPQ OFFICIAL - PERMIT UNIT <i>M. G. Lopez</i> <i>W. H. Forster</i>						DATE AUGUST 5, 1983					
SIGNATURE OF PPQ OFFICIAL - FIELD <i>W. H. Forster</i>						DATE August 12, 1983					



INTERNAL CORRESPONDENCE

METALS DIVISION

• P O BOX 579 4625 ROYAL AVE, NIAGARA FALLS, NEW YORK 14302

To (Name) ALL EXPLORATION OFFICES
 Division (FOREIGN AND DOMESTIC)
 Location

Date November 3, 1980
 Originating Dept MINERALS TECHNOLOGY

Answering letter date

Copy to Messrs. T. F. Ahearn
 B. T. Hone
 O. J. Malacarne
 D. L. Mathias
 D. G. Millenbruch
 D. R. Sutphen
 Mrs. C. J. Bates

Subject Dept. of Agriculture Permit S-791
 8/15/80 - 8/31/83 - Soil Samples

Our Department of Agriculture Permit to import foreign or domestically transfer soil samples has been renewed effective August 15, 1980, and expiring August 31, 1983. The permit number is S-791.

The Port of Arrival for all foreign samples is New York. All samples and containers should be marked on the label with the Permit Number and the expiration date. All shipments are to be sent to R. J. Klotzbach, Director, Union Carbide Corporation, Metals Division, Mineral Products Technology, P O Box 579, 4625 Royal Avenue, Niagara Falls, New York 14302. Telephone number 716-278-3423. All foreign samples sent through JFK should also include the notation, "ATTENTION UCC CUSTOMS IMPORT DEPARTMENT." All samples must be in sturdy leak-proof containers.

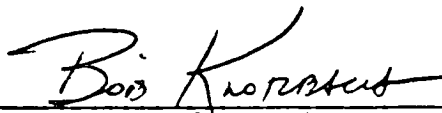
Our handling of the samples and our contacts with customs would be expedited if each shipper would notify us in advance by telephone or letter. The contact at Niagara Falls is Mrs. Clare Bates, 716-278-3423.

Helpful information would be

1. Shipping point and sample origin
2. Total weight
3. Number of packages or drums
4. Date of shipment (approximate will suffice)

Mrs. Bates will be the sample person handling the disposition of domestic samples and will be our primary contact with UCC International Distribution for all foreign samples arriving at JFK airport. Please help us service your samples.

RJK:cjb


 R. J. Klotzbach

UCCNHT0003740

Distribution List - R. J. Klotzbach's Letter of November 3, 1980

FOREIGN LOCATIONS

Mr. B. W. Hawkins - Australia
Mr. Peter D. Danchin - South Africa
Mr. Alen Wolstencroft - Tanzania
Mr. Nigel G. Cawthorn - England
Dr. Peter Cotterill - Zimbabwe

DOMESTIC LOCATIONS

Mr. G. L. Schierman - Alamo, Nevada
Mr. J. E. Straka - Albuquerque, New Mexico
Mr. R. H. Von Holdt - Casper, Wyoming
Mr. J. S. Hollingsworth - Grand Junction, Colorado
Mr. F. L. Dedrickson - Hot Springs, Arkansas
Dr. W. B. DeAtley - King City, California
Mr. E. E. Nelson - Missoula, Montana
Mr. A. Lopez - Reno, Nevada
Mr. D. L. Beahm - Riverton, Wyoming
Mr. R. L. Nylund - Uravan, Colorado

Canada

Mr. Miles H. Russell - Edmonton, Alberta
Mr. J. J. Royall - Vancouver, British Columbia

UCC Technology -- Radioactive Materials and License; X-ray Producing Equipment
and Registration

Source Material and License

Licensee: Union Carbide Corp., Metals Div.
4625 Royal Ave.
Niagara Falls, NY 14302

Radioactive Materials License Number 210-0090, Reference No. 2, with 10 amendments.

Issued By New York State Department of Labor, Division of Safety and Health

Source Materials Covered by License

<u>Sealed Source</u>	<u>Purpose</u>	<u>Quantity</u>	<u>Present Location</u>
Cs 137	Float Indicator	50 mCi	Stack Furnace, Bldg. 169
Cs 137	" "	50 mCi	Storage, Bldg. 143
Cd 109	Port. Isotope Analyzer	3 mCi	Cabinet, Bldg. 166
Fe 55	" " "	20 mCi	" " "
Pu 238	" " "	30 mCi	" " "
Co 57	" " "	3 mCi	" " "

Other unlicensed source materials:

1. Various radium sources, which cropped up during H. J. O'Hear's tenure, stored in Lab. 357, Bldg. 94.
2. Thorium oxide.

Note: U_3O_8 as ore, tailings, and concentrate assumedly is covered by a general license, and gets shipped back to source of origin. No present accounting of on-site U_3O_8 exists.

Number of persons exposed to source materials: 0. All sources are in storage.

Equipment and Registration

Registrant: New York State Dept. of Labor, Division of Safety and Health
Registration No. L-0090

(OVER)

UCCNHT0003742

UCC owned and operated X-ray equipment

<u>Number</u>	<u>Description</u>	<u>No. of workers Exposed</u>
2	50 kv, 35 ma Philips Electronics Inc., Manual Powder X-ray Diffractometer	2

Note Attached is a list of Elkem owned and operated X-ray equipment, which
at this time remains registered to UCC.

D. R. Brosnahan
5/16/83

UCCNHT0003743